

CHROMOSOMAL DNA **PHENOTYPES** CONTAINING PROVIRUS [Phleo^R, Gls^S, β-Gal⁺] I-Sce I I-Sce I TRANSFECTION BY I-Sce | ENDONUCLEASE **EXPRESSION VECTOR** B.)NTRA-CHROMOSOMAL RECOMBINATIONS EVENTS 1) THE LEFT I-Sce I IS CUT. PAIRING AND RECOMBINATION I-Sce I I-Sce I (2) THE RIGHT I-Sce I IS CUT. PAIRING AND RECOMBINATION I-Sce I [Phleo^a, Gls^s, β-Gal⁺] (3) BOTH I-Sce I SITES ARE CUT. *HELIGATION BY END-JOINING* INTER-CHROMOSOMAL RECOMBINATION EVENT BOTH I-Sce I SITES ARE CUT. GAP REPAIR USING INTACT CHROMOSOME SEQUENCES [Phleo^R, Gls^S, β-Gal⁺] **LTR** PhleoLacZ

FIG. 25